

# March 1st Institute by Session

## Session 1

<http://gbsmarchinstitute.wikispaces.com>

### **Using Moodle Groups for Differentiated Instruction**

Speaker: Lisa Sly

Course Number: S101

Strand: 1 and 2

Are you looking for ways to provide a variety of materials for a variety of students? By using the Groups and Groupings features in Moodle, different students in your class can receive different materials based on groups you create. In this session, we'll explore Moodle's Group and Groupings features in-depth and see how to apply them to a variety of Moodle tools. **Note: This session is for current Moodle users only.**

### **Standing Room Only! How to Create Unforgettable Presentation Media**

Speaker: David Jakes

Course Number: S102

From sitting on a stool telling a story, to using PowerPoint or Keynote, being able to communicate effectively has never been so important. This session provides participants with ten strategies for helping students develop compelling presentation media that will help them convey their ideas and passions. Leave the session with an understanding of how biology, learning theory, and design principles can reshape how your students present their ideas to the world.

### **Problem Solving and Critical Thinking Techniques**

Speaker: Frank Bexes

Course Number: S103

Strand: 1 and 2

This presentation will include problem solving and critical thinking techniques used by students to make difficult automotive repairs. The use of Alldata Online Diagnostic aids and Napa ProLink allow students to: A. Clarify purposes and goals, B. Identify the problem, C. Employ reasoning skills, D. Evaluate options, E. Identify solutions to the problem and their impact, F. Select and implement a solution to the problem.

### **Techniques and Strategies to Engage Students for the Entire Period**

Speaker: Scott Nemecek

Course Number: S104

Strand: 1

In order to help maximize learning for all students the foundation must be set each day to enable the teacher and students to work collaboratively to the major goal of learning the content necessary for academic success. This includes several discipline techniques and classroom management plans that are planned in advance and followed through without

exception. This process starts during the passing period and continues as they leave the door. These plans will help your students maximize all fifty minutes of each day.

### **Chewing the K.U.D.: Engaging Students through Strategic Design and Practice**

Speakers: Tara Braverman and Mark Maranto

Course Number: S105

Strand: 1

In this session participants will learn the fundamental aspects of backward design, and apply them to one of their current units of instruction. Presenters will share varied examples of methods designed to identify struggling learners early, and approaches for addressing their needs. This session is intended for teachers in any content area. Attendees are encouraged to bring their laptops.

### **21st-Century Library Redesign Roundtable**

Speaker: Christi Shaner

Course Number: S106

Strand: 2

What should a student using a 21st-Century library expect to find? This session will examine the need for authentic learning spaces in a secondary school library. These innovative spaces must provide a quality library experience for all types of learners. Come ready to discuss, share your thoughts and provide insight regarding library redesign. The possibilities are endless!

### **Desktop Counseling**

Speaker: Ann LePage

Course Number: S107

Strand: 2

The GBS Guidance Department utilizes the Naviance Program in the implementation of the guidance curriculum. Each school year all students participate in an assessment in Naviance and over four years complete a profile which will be used in the construction of a post-secondary plan. Participants will have the opportunity to see this powerful program, learn about the activities students are completing each year with their counselors, and see the extensive information available to students and families for college planning in the Naviance Program.

### **IEP at a Glance**

Speaker: Mark Dec

Course Number: S108

Strand: 1

LD, ED, OHI... oh my! IEP at a Glance will dissect a student's IEP Profile (also referred to as Page 2's) focusing on defining essential special education language, and the development and use of strategies related to serving students with Individual Education Programs, which ultimately can be used with any student. Specifically, the session will analyze adverse effects, assist in understanding educational strategies, and the importance of implementing student accommodations. In addition, we will examine the use of technology, and the relationship between using educational strategies and RTI. As a result, teachers should leave this session

with a better understanding of their student's deficits, and strategies that will assist all students in succeeding in their classrooms.

### **How to Watch Movies**

Speaker: John Cowlin

Course Number: S109

Strand: 2

This presentation will explore how teachers (and students!) can become critical viewers of films by examining how filmmakers use cinematography, editing, and sound design to persuade and manipulate audiences. You'll never watch a movie the same way again! (Maybe.) Act now and we'll also include: How to use your laptop to download/rip video clips and stills from DVDs and Youtube, edit them, and apply them to lessons! Where to find thousands of hours of vintage, public domain film footage, including such educational classics as "Duck and Cover," "Supervising Women Workers," and "I Like Bikes." Ten things to do with a blog! And more.

### **Using Multimedia Based Projects to Enhance Literacy Instruction**

Speaker: Afrodite Skaouris

Course Number: S110

Strand: 2

Multimedia based projects encourage student engagement in the classroom, enhance instruction of core literacy skills, and allow students the opportunity to become citizens of the world. This session will explore ways in which teachers can use multimedia tools to create projects that will develop their students' critical thinking, creativity, communication and collaboration skills, within the context of already-established department curricula. Attendees will view samples of different types of multimedia-based projects, as well as examine the core skills that they address.

### **Memory, Brain and Learning Strategies**

Speaker: Ken Doody

Course Number: S111

Strand: 1

I intend to demonstrate memory and learning tasks that illustrate how our brain best forms memories and what factors promote forgetting. After each memory experiment or demonstration, small groups will discuss how the memory principle applies to the classroom. Do our teaching practices promote the most efficient learning strategies for students? How can teachers encourage habits in students that utilize what we now know about the brain.

### **Keynote Follow Up: Questions and Answers**

Speaker: Mark Shinn

Course Number: S112

Strand: 1 and 2

Join our keynote speaker, Mark Shinn, to explore ideas and ask questions regarding his remarks in the keynote session

## Session 2

### **Build Your Moodle Course Presence (Moodle Workshop)**

Speaker: Lisa Sly

Course Number: S201

Strand: 2

We always say educational technology is an investment and Moodle is a smart tool in which to place that investment. Wish you had more time to invest? Come spend **one or two sessions** working on your digital course presence in Moodle. Lisa Sly will be available for questions, guidance and general discussion of ideas. Networking and sharing of best practices with your colleagues will certainly be encouraged as we all investigate how to best use this system to enhance teaching and learning for all students. (You may register for this course for Session 2, for Session 3, or you may register for two consecutive sessions, Session 2 and 3)

**Note:** This session is for **current Moodle** users only. There will be no formal instruction or introductory content. Limited to 20 people.

### **Collaboration in the Age of Google**

Speakers: Jeff Rylander and David Jakes

Course Number: S202

Strand: 2

Collaboration is a core skill that has been identified in our work in Goal 2. This session explores three technologies that support the development of collaborative skills: Wikis, Etherpad, and Google Docs. We'll apply time-honored cooperative learning principles to these new environments, examine the affordances that these technologies bring, and look at how they can be leveraged to support the development of collaborative skills within a new context.

### **Moodle Share-A-Thon**

Speakers: Chris Hilvert and Jeff Paek

Course Number: S203

Strand: 2

Bring your laptop, plug-in and show the group how you are using Moodle in your classroom! Not a "how to" for Moodle, but more an idea exchange for experienced users and those interested in beginning Moodle in their classroom.

### **Maximizing your SmartBoards Potential**

Speaker: Matt Bertke

Course Number: S204

Strand: 1

This workshop will focus on how to use your SmartBoard to create fluid, interactive lessons for all students. Useful SmartBoard tools and accessories will be presented. Strategies on how to increase student participation and the fluidity of your lesson will also be provided. This will be demonstrated as a mini-lesson with ample time to ask questions and try out ideas.

### **Chewing the K.U.D.: Engaging Students through Strategic Design and Practice**

Speakers: Tara Braverman and Mark Maranto

Course Number: S205

Strand: 1

In this session participants will learn the fundamental aspects of backward design, and apply them to one of their current units of instruction. Presenters will share varied examples of methods designed to identify struggling learners early, and approaches for addressing their needs. This session is intended for teachers in any content area. Attendees are encouraged to bring their laptops.

### **Problem Solving and Critical Thinking Techniques**

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Course Number: S206

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### **World Wide Writing: Get Your Students' Voices Heard on the Internet**

Speaker: Kate Prockovic

Course Number: S208

Strand: 1

Don't let your students be swallowed up in cyberspace!

The Internet is a huge place with billions of websites and users; it is also one of the most accessible forums through which to effect change and participate in the global community. Our students have a vast audience at their fingertips, and it is our job to teach them how to effectively harness that power. Let's teach our students how to write for the Internet with methods that will complement our core curriculum. This workshop will focus on techniques you

can share with your students to help them both casually and formally share their opinions on topics such as movies, video games, books, restaurants and stores as well as how to agitate for change by writing letters to newspapers and politicians. We will also cover methods to teach students Internet safety, responsibility and etiquette. Leave this workshop with concrete ideas on how to integrate Internet writing into any course.

### **How I Learned to Stop Worrying and Love (well, sort of) Wikipedia**

Speaker: Kris Jacobsen

Course Number: S209

Strand: 2

Are you getting a lot of projects with Wikipedia as a cited source? Are you concerned that your students are using this ever-changing, ever-growing resource that “anyone can edit”, but not sure how to evaluate whether the information they’re providing is reliable? Then this session is for you. We will explore how and when it’s appropriate to use Wikipedia as a research tool. We will also take a look at how their “wiki” model of gathering and publishing information is being used by communities of professional researchers to collaborate to create high quality content on the web that takes advantage of their collective knowledge.

### **New Ways to Use Videos**

Speaker: Debbie Berlin

Course Number: S210

Strand 1

The goal of this workshop is to learn how to create, upload, and embed videos in various resources. For example, you can create your own videos that will show up on your Moodle or Wiki class page. Some examples of how videos are being used in science classes will also be shown. After a 20-minute introductory lecture, participants will use cameras and computers to apply their learning. Participants can maximize their learning by already having accounts set up on YouTube, Moodle, and the like. This session is limited to 14 participants.

### **Using Multimedia Based Projects to Enhance Literacy Instruction**

Speaker: Afrodite Skaouris

Course Number: S211

Strand: 2

Multimedia based projects encourage student engagement in the classroom, enhance instruction of core literacy skills, and allow students the opportunity to become citizens of the world. This session will explore ways in which teachers can use multimedia tools to create projects that will develop their students’ critical thinking, creativity, communication and collaboration skills, within the context of already-established department curricula. Attendees will view samples of different types of multimedia-based projects, as well as examine the core skills that they address.

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## **Session 3**

### **Build Your Moodle Course Presence (Moodle Workshop)**

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Course Number: S301

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### **Digital Citizenship: Understanding Digital Footprints**

Speaker: David Jakes

Course Number: S302

Strand : 2

Citizenship is a core skill that has been identified in our work in Goal 2. This session explores the concept of a digital footprint and how to be an effective and ethical contributor online. Our students produce a wide variety of media, both in and out of school, and this contributes to their online representation and reputation. Learn about the importance of a digital footprint, what the components of a successful footprint are, and how we can assist students in the development of a positive and ethical digital representation of themselves.

### **Draw Tools in Microsoft Office**

Speakers: Joe Karlovsky and Mary Wiltjer

Course Number: S303

Strand 2

Bring your laptop (and mouse) as we explore the Microsoft Draw tools found in Office and Powerpoint. They aren't as difficult as you think. You can create really sharp-looking diagrams, figures, and graphs. Passing these tools on to your students could lead to better and more sophisticated papers and presentations.

### **Maximizing your SmartBoards Potential**

Speaker: Matt Bertke

Course Number: S304

Strand: 1

This workshop will focus on how to use your SmartBoard to create fluid, interactive lessons for all students. Useful SmartBoard tools and accessories will be presented. Strategies on how to increase student participation and the fluidity of your lesson will also be provided. This will be demonstrated as a mini-lesson with ample time to ask questions and try out ideas.

### **21st-Century Library Redesign Roundtable**

Speaker: Christi Shaner

Course Number: S305

Strand: 2

What should a student using a 21st-Century library expect to find? This session will examine the need for authentic learning spaces in a secondary school library. These innovative spaces must provide a quality library experience for all types of learners. Come ready to discuss, share your thoughts and provide insight regarding library redesign. The possibilities are endless!

### **How to Watch Movies**

Speaker: John Cowlin

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Strand: 2

This presentation will explore how teachers (and students!) can become critical viewers of films by examining how filmmakers use cinematography, editing, and sound design to persuade and manipulate audiences. You'll never watch a movie the same way again! (Maybe.) Act now and we'll also include: How to use your laptop to download/rip video clips and stills from DVDs and Youtube, edit them, and apply them to lessons! Where to find thousands of hours of vintage, public domain film footage, including such educational classics as "Duck and Cover," "Supervising Women Workers," and "I Like Bikes." Ten things to do with a blog! And more!

### **Desktop Counseling**

Speaker: Ann LePage

Course Number: S307

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The GBS Guidance Department utilizes the Naviance Program in the implementation of the guidance curriculum. Each school year all students participate in an assessment in Naviance and over four years complete a profile which will be used in the construction of a post-secondary plan. Participants will have the opportunity to see this powerful program, learn about the activities students are completing each year with their counselors, and see the extensive information available to students and families for college planning in the Naviance Program.



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